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TCS-2293-57
Copy 1 of 30

19 November 1957

MEMORANDUM FOR: Addressees

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SUBJECT : Preliminary ELINT Report, Mission [REDACTED]

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Enclosed is a preliminary ELINT Report for Mission [REDACTED]

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[REDACTED]
HERBERT SCOVILLE, JR.
Assistant Director
Scientific Intelligence

Distribution:

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- 1 - Project Director (Major [REDACTED], Rm 538, Matomic Bldg.)
- 2 - TALENT Control Officer, NSA [REDACTED] 25X1D
- 3 - TALENT Control Officer, OACSI/DA
- 4 - TALENT Control Officer, ONI
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Attachment to
TCS-2293-57
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Preliminary ELINT Report
Mission [REDACTED]

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1. Mission 4062 was an AQUATONE Mission having as a target area the north coast of the Black Sea.

2. From base the proposed route proceeded west to the east coast of the Aegean Sea, then approximately 20° east of north to the north coast of the Black Sea at Odessa and then generally following the coast line to the eastern extremity of the Black Sea. From here the aircraft turned westward and followed a route over the middle of the Black Sea, turning southwest at a point approximately due south of Odessa to Istanbul, west to the Aegean Sea and south along the coast to a point west of the base. From this point the aircraft turned east and returned to base.

3. While the track of the mission as completed was not available at the time of this preliminary report, the debriefing of the pilot indicated that the mission route was flown as planned with no major deviations.

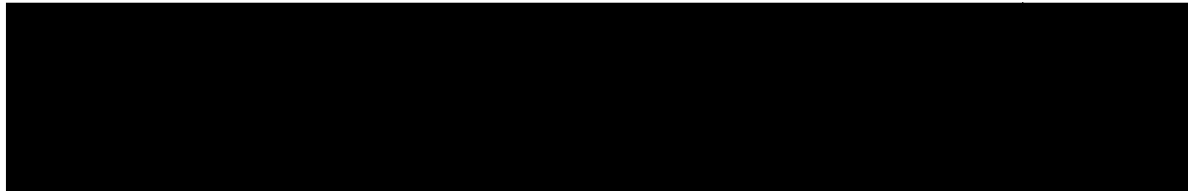
4. ELINT equipment carried on this mission consisted of System I, S-Band and System III.

5. Preliminary monitoring indicates that both systems functioned correctly throughout the mission.

6. Signal activity from TOSKEN radar was essentially continuous throughout the target area. Several intercepts of the [REDACTED] signal previously noted on other missions occurred in the target area. BACKLASH and WIDFF intercepts also occurred at various times throughout this area.

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